

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number  
**WO 2005/075894 A1**

(51) International Patent Classification<sup>7</sup>:  
// 10/00, F17D 1/00

F24D 3/10

(71) Applicants and

(21) International Application Number:

PCT/SE2005/000161

(72) Inventors: FREDERIKSEN, Svend [DK/DK]; Højberg Vang 40, DK-2840 Holte (DK). ANDERSSON, Sture [SE/SE]; Båtsmansgränd 51, S-230 44 Bunkeflostrand (SE). BJÖRKLUND, Ingemar [SE/SE]; Naumansvägen 17, S-129 38 Hägersten (SE). GUNDMUNDSON, Tommy [SE/SE]; Gollins väg 33, S-236 33 Höllviken (SE). WOLLERSTRAND, Janusz [SE/SE]; Gästabudsvägen 12, S-226 51 Lund (SE).

(22) International Filing Date: 10 February 2005 (10.02.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0400279-6

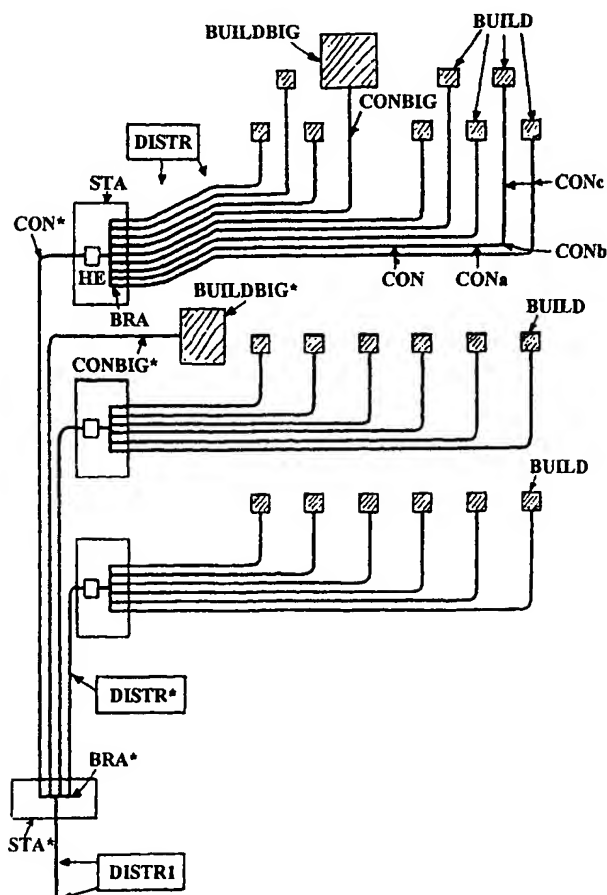
10 February 2004 (10.02.2004) SE

(74) Agent: ASKETORP, Göran; Ström & Gulliksson IPC AB, P.O. Box 4188, S-203 13 Malmö (SE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,

[Continued on next page]

(54) Title: THERMAL ENERGY DISTRIBUTION SYSTEM



(57) Abstract: A thermal energy distribution system for supplying several buildings with thermal service, in which the buildings are fully detached from each other. The system comprises a branching station and several conduits forming an essentially unbroken connection from the branching station to a thermal connection close to each of the building. The conduit has essentially the same cross-section over the entire length. At least two conduits extend adjacent to each other over a first portion (CONa), and extend to each building over a third portion (CONc), and have a second portion (CONb) forming a transition between the first and the portion. One group of the first portions (CONa) of the conduit extend within or along a street.

WO 2005/075894 A1



PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

- (84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

**Published:**

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.